B.SC. DEGREE EXAMINATION,APRIL 2018
III YEAR - VI SEMESTER
Core Major - Paper XI - PROGRAMMING IN JAVA

Time : 3 Hours   Max.marks :60

Section A $(10 \times 1 = 10 marks)$

Answer any **TEN** questions

1. List out the control statements in JAVA.
2. Define Arrays.
3. What is the need for constructor?
4. What is overloading method in JAVA?
5. What are package in JAVA?
6. Define an Interface.
7. What is an Applet?
8. Mention the types of I/O streams in JAVA.
9. What is AWT?
10. Define Scrollbar.
11. What is meant by Runnable Interface?
12. Define String Buffer.

Section B $(5 \times 4 = 20 marks)$

Answer any **FIVE** questions

13. Explain the features of JAVA.
14. Briefly explain about Access control.
15. Write short notes on Inner Classes.
16. Write notes on Synchronization and messaging.
17. What is Deadlock? Explain.
18. Describe functionalities of string buffer.
19. Write notes on Flow and Border layout.

Section C $(3 \times 10 = 30 marks)$

Answer any **THREE** questions

20. Describe in detail about operators in JAVA.
21. Explain about the basics of Inheritance in JAVA.
22. Discuss about the fundamentals of Exception Handling.
23. Explain about I/O and file streams in JAVA.
24. Describe the window fundamentals of AWT classes.